

FIG.1a

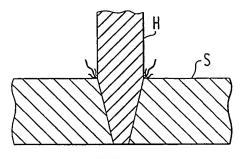
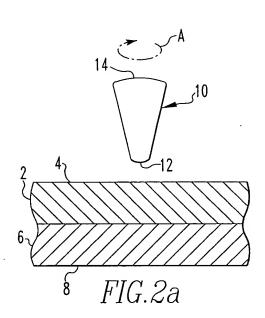
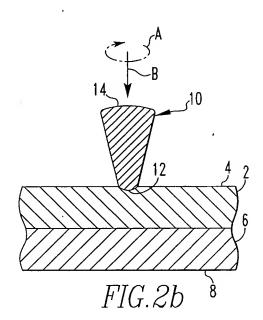
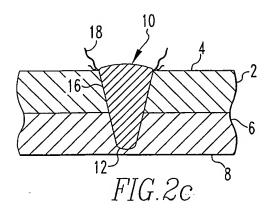
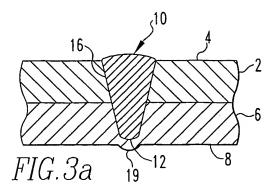


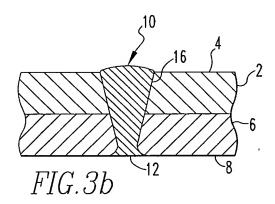
FIG.1b prior art

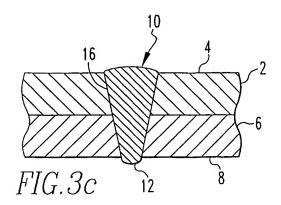


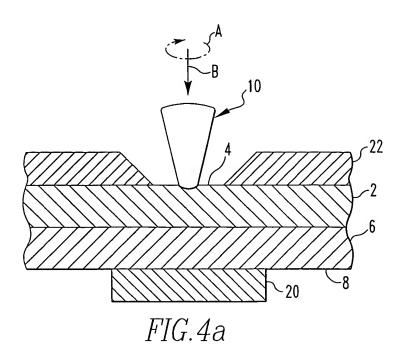


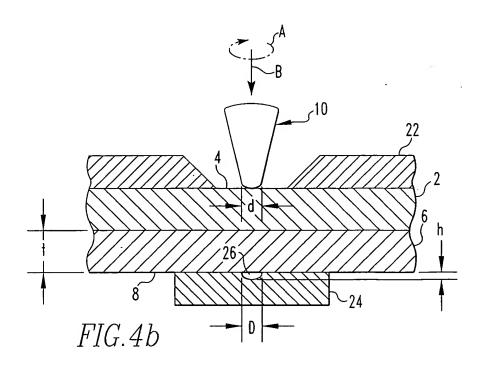


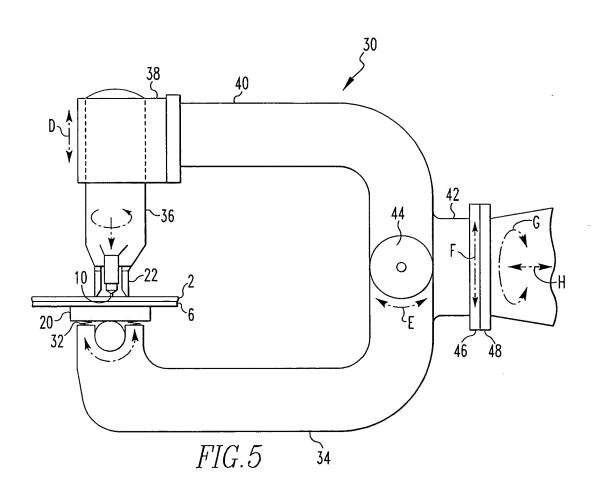


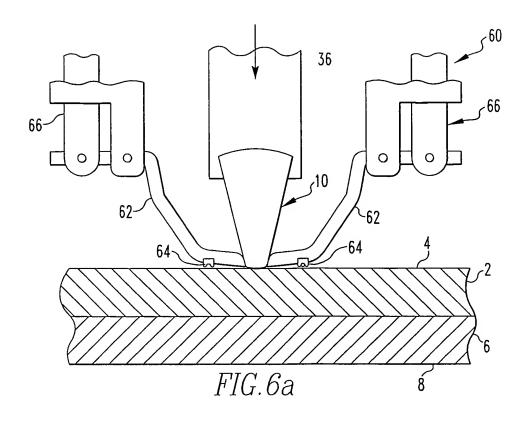


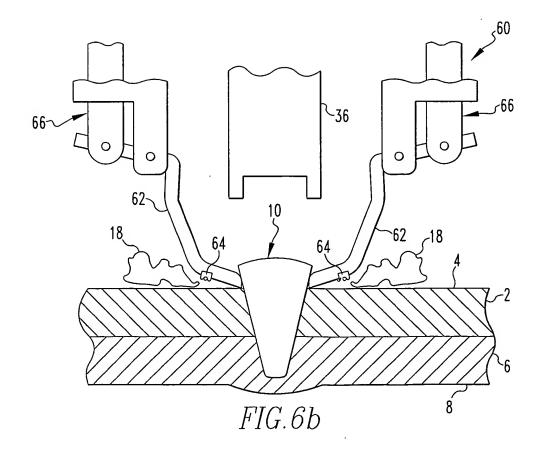


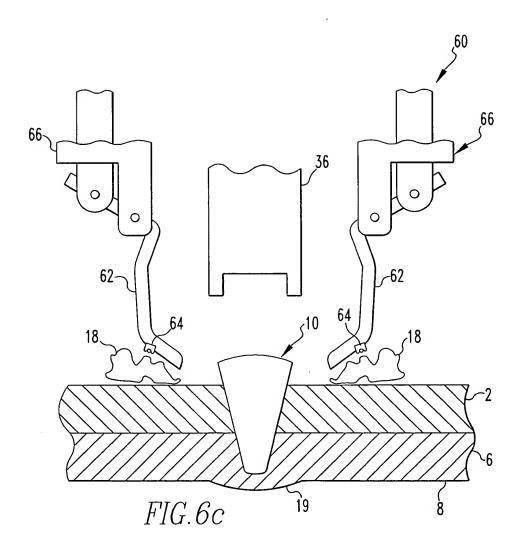


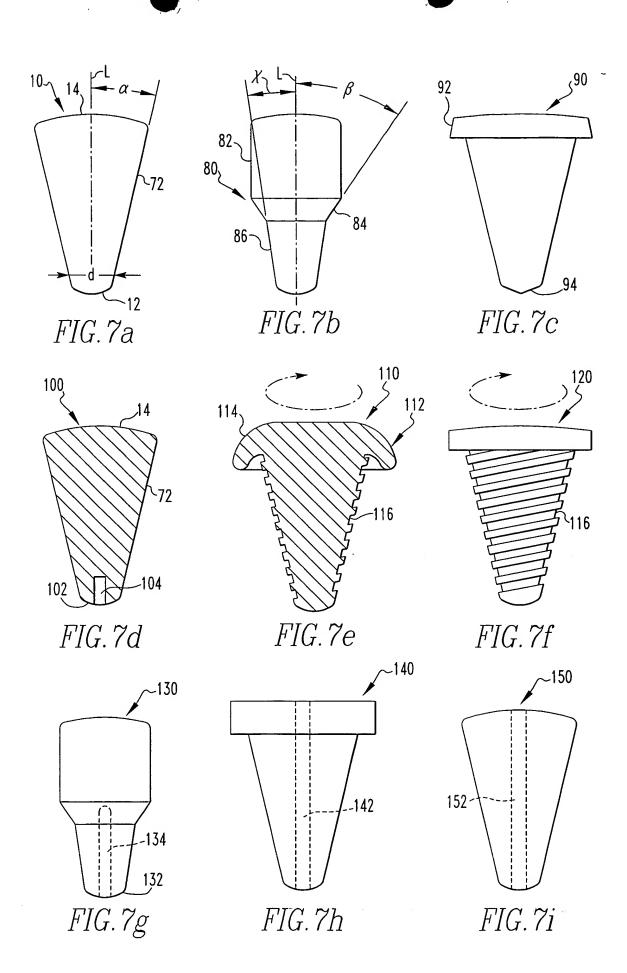




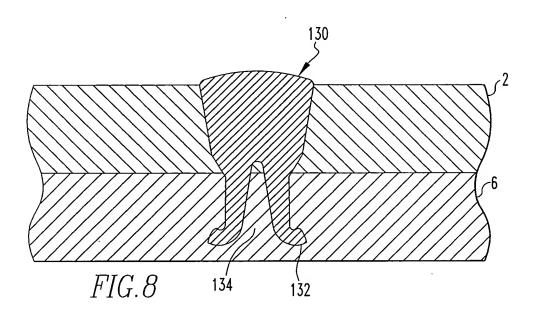








"Friction Plunge Riveting"
Investor Stol et al.; Alcoa Ref. 00-2521



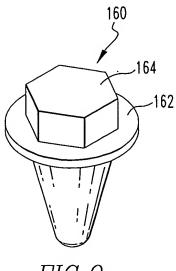


FIG.9a

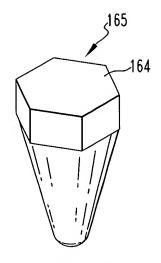


FIG.9b

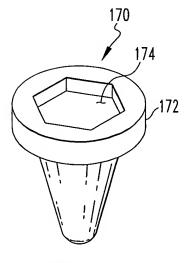


FIG.9c

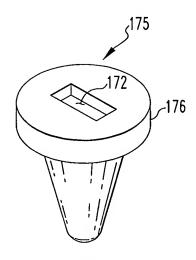


FIG.9d

